



DEPARTMENT OF THE ARMY
OFFICE OF THE SECRETARY OF THE ARMY
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WASHINGTON DC 20310-0107

Office, Chief Information Officer / G-6

26 JUL 2004

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MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Non-Army Enterprise Infostructure (AEI) Information System or Network Connectivity on Army Installations

1. Reference - NETCOM/9th ASC Memorandum, 28 May 2003, subject: Fielding Non-Army Systems on Army Installations
(<https://www.us.army.mil/portal/jhtml/FileLoader.jhtml?doid=658034>)
2. Reference 1 provides standardized criteria to determine if an information system or network is part of the AEI. If an information system or network does not meet these criteria, the NETCOM memorandum provides guidance to Army Directors of Information Management (DOIMs) on how to support this non-Army information system or network. This memorandum provides further guidance on how non-Army information systems or networks will connect on Army installations.
3. Currently, non-Army organizations have numerous methods of providing information system or network connectivity to non-Army tenants on Army installations. Thus, many Army DOIMs are faced with a patchwork of unknown and/or non-standard implementation of networks and cable plant infrastructures on their installations. A standardized method of installing this connectivity should be provided vice allowing each non-Army organization to negotiate independently with each Army DOIM.
4. The following are standardized options listed in order of preference for providing non-AEI information system or network connectivity on Army installations:
 - a. Army-Provided Available Cable Plant connected to a Non-AEI Wide Area Network (WAN) connection: Available cable plant is provided by the DOIM to non-Army tenants between the non-AEI WAN Point-of-Presence (PoP) and non-Army tenant building(s) for use as long as the tenant is on the Army installation. This cable plant is to be provided at no charge (unless DOIMs can justify they incur costs by providing this available cable plant). If there is no available cable plant reaching the non-Army location on post, the non-Army organization will reimburse the DOIM to extend the non-AEI information system or network on the existing DOIM's cable plant. The non-AEI WAN PoP terminates in the DOIM central facility. There is no requirement for non-AEI traffic to pass through the Army Top Level Architecture (TLA) as long as

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the non-AEI information system or network is not physically connected to the installation's local area network (LAN). The Army-provided cable plant will remain on the DOIM's inventory but will come under the control of the non-Army organization. However, operations and maintenance services, if required from the local DOIM, will be negotiated at the installation level and documented in an Inter-service Support Agreement (ISA). The ISA will specify the level of service to be provided. When the non-Army tenant no longer utilizes the cable plant, the DOIM will assume control at no charge.

- b. Non-Army-Provided Cable Plant connected to a Non-AEI WAN connection: Non-Army organizations may install (after coordination with and direction from the local DOIM on Army and local requirements) the required cable plant between the non-AEI WAN PoP (terminating in DOIM-approved facility) and non-Army tenant facilities. Non-Army organization will look at utilizing existing ducting infrastructure where possible. However, installation of any additional cable plant must conform to Army and DOIM requirements. If there is to be any contract awards for the purpose of extending cable plant to requested tenant facilities, that contract will be coordinated with the DOIM for assurance of conformity to standards. The non-Army provided cable plant is placed on the DOIM's inventory but comes under the control of the non-Army organization. There is no requirement for non-AEI traffic to pass through the Army Top Level Architecture (TLA) as long as the non-AEI information system or network is not physically connected to the installation's LAN. However, operations and maintenance services, if required from the local DOIM, will be negotiated at the installation level and documented in an ISA. The ISA will specify the level of service to be provided. When the non-Army tenant no longer utilizes the cable plant, the DOIM assumes ownership and control at no charge.
- c. Army-Provided Logical Separation to a Non-AEI WAN connection: DOIM provides a logical (VPN or VLAN) path as a service between the non-AEI WAN PoP termination and non-Army tenant(s), logically separating the non-AEI network traffic and the AEI network traffic. End points for the logical connectivity will run from the non-AEI WAN gateway to a single gateway into an otherwise physically isolated non-AEI LAN at the non-Army location(s). Multiple logical paths may be used for redundancy. All traffic to/from non-AEI WAN and LAN will be confined to the logical path when transiting the local shared cable plant. The logical path may or may not be encrypted (based on the non-Army customers requirements). IP addressing used to establish the logical path tunnel should be local Army address space, and IP addressing within the tunnel should be non-Army customer address space. There is no requirement for this non-AEI traffic to pass through the Army Top Level Architecture (TLA). Any expenses incurred by the DOIM to provide the logical path (upgrade of the VPN/VLAN providing device, O&M, etc) must be

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negotiated with the local DOIM and documented in an ISA. The ISA will specify the level of service to be provided.

- d. Dial Out Access: Non-AEI clients may use local switched phone systems to connect to their non-AEI networks. At no time may these clients also be connected to the local data network infrastructure or establish any means of routing between the remote non-AEI network and the AEI network.

5. These options provide the approved approaches for satisfying non-Army connectivity requirements on an Army installation, creating either physically or logically isolated enclaves. NETCOM Headquarters will provide further definitive guidance on which option(s) will be utilized by each non-Army organization. There may be unique situations where the Army-approved options cannot be followed by the non-Army organization. These occurrences will be addressed by the CIO/G6, IMA, and NETCOM/ESTA. In all cases where any DOIM support is required, Army DOIMs will define site-specific roles, responsibilities, and implementation through ISAs.

6. This guidance allows the Army to transform Army installations into true Joint power projection platforms in support of the Global Information Grid. It also allows Department of Defense information technology dollars to be spent in a more efficient manner as duplicate cable plant infrastructure will be reduced. Furthermore, it provides the necessary flexibility required to provide future IT technologies and services at both the Army and DoD enterprise levels.

7. My CIO/G6 point of contact in this issue is Mr. Charles Jerzak, charles.jerzak@us.army.mil, DSN 332-7360. The NETCOM/ESTA point of contact is Mr. Wayne Trader, wayne.trader@us.army.mil, DSN 879-7250.



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